

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Dennis W. Prather et al.

Confirmation No.: 2021

Application No.: 10/502,071

Filed: July 19, 2004

Art Unit: 2874

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For: ELECTRO-OPTICAL SWITCHING USING  
COUPLED PHOTONIC CRYSTAL  
WAVEGUIDES

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Examiner: D. J. Petkovsek

**AMENDMENT AFTER FINAL ACTION UNDER 37 C.F.R. 1.116**

**MS AF**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated August 9, 2006, finally rejecting claims 1-41,  
please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2  
of this paper.

**Remarks/Arguments** begin on page 8 of this paper.

No fees are believed to be due with this amendment.